1	2	3	4	5
5	Narmada Main Canal (0 to 144 Km)	Earthwork %	Lining %	Structural Concrete %
		94 80 (Excavation)	80.64	64.97
6	Branch Canals Phase-1(0 to 144.5 Km)	78.27	52.39 (con) 37.75 (Brick)	63.02
7	Distribution System (0 to 144 Km) . .	60.38	33.79	36.21

B. *Financial Progress*

An expenditure of Rs. 3690.42 crores has been incurred on the project upto January, 1995.

All possible steps are being taken to complete the project as planned by 2000 A.D. However, completion of the dam depends upon the progress of Resettlement & Rehabilitation works and environmental safeguard measures complying with 'Pari-pasu' condition in the teritorries of Madhya Pradesh and Maharashtra.

Depletion of underground water

1900. SHRI SOM PAL: Will the Minister of WATER RESOURCES be pleased to state:

(a) whether Government's attention has been drawn to the report published in the 'Economic Times' dated the 18th January, 1995 under the caption 'Fresh waterway prevented salination in Madras: Study";

(b) whether further depletion of underground water tables in the coastal areas is likely to cause salination of underground waters in all the coastal regions of the country;

(c) if so, what steps are being taken to check this serious threat; and

(d) if not, the reasons therefor?

THE MINISTER OF STATE IN THE MINISTRY OF WATER RESOURCES (SHRI P. V. RANGAYYA NAIDU): (a) Yes, Sir.

(b) Situation various from one place to another. The possibilities of sea water ingress are more in Tamil Nadu and Saurashtra coasts than any other region in the country.

(c) The steps so far initiated in this direction are as follows:

(1) A Model Bill to control and regulate the development of ground water has been circulated by Union Government to all States for enactment of a suitable Legislation for ensuring extraction of ground water within the permissible limits.

(2) The behaviour of sea water and fresh water interface along the coast in the country is closely monitored by the Central Ground Water Board and State Organisations.

(3) The Government of Tamil Nadu has promulgated Madras Metropolitan Area Ground Water Regulation Act, 1987 for regulating extraction of Ground Water in Chinglepettu district covering Madras Metropolis, which envisages prior permission for sinking a new well.

(4) Similar Government Notification prohibiting the construction of new tube wells within a distance of 6 kilometre from coast line has been issued by Government of Pondicherry.

(d) Question does not arise.

Damage caused to Sardar Sarovar Dam during monsoon

1901. SHRIMATI KAMLA SINHA:
DR. BAPU KALDATE:
SHRI GURUDAS DAS GUPTA:
SHRI N. GIRI PRASAD:

Will the Minister of WATER RESOURCES be pleased to state·

(a) whether it is a fact that the auxiliary structures of Sardar Sarovar Dam were extensively damaged during last monsoon;

(b) if so, what are the details thereof;

(c) what is the estimated loss suffered by Government as a result thereof;

(d) whether any inquiry into the causes of extensive damage to the Sardar Sarovar Dam structure has been made by Government, if so, the details thereof; and

(e) the measures taken by Government to prevent recurrence of such a nature?

THE MINISTER OF STATE IN THE MINISTRY OF WATER RESOURCES (SHRI P. V. RANGAYYA NAIDU): (a) to (c) Due to unprecedented flood in the first week of September, 1994; there has been some damage to the stilling basin of Sardar Sarovar Dam which is located on the downstream of the dam. About 65,000 cubic metres of concrete was washed away and the estimated loss is of the order of Rs. 10 crores.

(d) and (e) All aspects of the damage to the stilling basin including its cause, repairs and further construction of the dam have been examined by an independent Dam Safety Panel comprising experts on different discpilines. The Dam Safety Panel has mainly recommended the following measures.

(i) repair of the damaged portion of stilling basin;

(ii) unfinished top of various spillway blocks to be kept at same level atleast in each bay as far as possible and the differential height between bays not to exceed 2.0 metdes; and

(iii) top of spillway blocks to be finished in steps of suitable dimensions to facilitate acceptable hydraulic flow conditions, by conducting suitable model tests. The recommendations of the dam Safety Panel are under implementation by the Project Authorities.

Centrally sponsored irrigation projects in Madhya Pradesh

1902. SHRI AJIT P. K. JOGI:
SHRI MOOLCHAND MEENA:

Will the Minister of WATER RESOURCES be pleased to state:

(a) whether the Central Government have reviewed the Centrally sponsored irrigation projects in Madhya Pradesh;

(b) if so, what were the results thereof; and

(c) what follow-up action has been taken/will be taken by the Central Government in this regard?

THE MINISTER OF STATE IN THE MINISTRY OF WATER RESOURCES (SHRI P. V. RANGAYYA NAIDU): (a) to (c) 23 schemes in Madhya Pradesh are covered under Centrally Sponsored Command Area